

1	<b>BILLIARDS OR POOL</b>	24	....Coin controlled
2	.Practice device or device to aid in aiming cue or cue ball during shots (e.g., to assist in bank shots, etc.)	25	....With means to separate or segregate store balls pocketed by each player or team
3	.Adapted to be played on floor, ground, or court	26	....Ball rack also constitutes or includes spotting rack
4	.Table or gameboard	27	..With means to prevent unauthorized use of table or to limit playing time or number of games played
5	..With mechanical ball projector	28	..Pocket structure
6	..Convertible between billiard and pool (i.e., between pocketed and nonpocketed)	29	..Playing surface structure (i.e., bed structure)
7	...Using pocket blocking device positionable only in vicinity of pocket (e.g., pocket plug, rail piece, etc.)	30	...Device for securing playing surface covering (e.g., for securing billiard table cloth, etc.)
8	...Using interchangeable, shiftable, reversible, or removable cushion rails	31	..Rail structure
9	...Invertible playing surface	32	...Cushioned portion thereof
10	..Convertible to another type of furniture or to different type of game playing surface	33	..Frame or leg structure
11	...Rail vertically raised or lowered relative to bed	34	..Dust cover therefor
12	...Vertically movable playing surface	35	.Cue chalker
13	...Detachable or hinged rail	36	..Chalk holder
14	...Convertible to different type of game playing surface	37	...With means for automatically applying chalk
15	..Readily foldable or collapsible	38	...Flexibly tethered
16	..Rotatable playing surface	39	...Secured to generally fixed support
17	..Having pocket or other target with ball actuated indicator	40	.Ball spotting rack
18	..Playing surface having unconventional peripheral configuration defined by the carom rails	41	..With ball carrying or storage means
19	..Attachment or accessory providing plural pockets or other targets located at only one end of playing surface	42	.Cue rest
20	..Playing surface having unconventional number, entrance opening, or arrangement of pockets or having additional or shiftable carom or bumper means thereon	43	..Hand attached or engaged by hand in vicinity of cue supporting portion
21	..Table attached ball rack	44	.Cue
22	...With conveying chutes interconnecting pockets with ball rack	45	..Mechanically operated
23	....With means to distinguish or identify each ball pocketed	46	..Disparate attachment therefor or convertible to or combined with disparate device
		47	..With user adjustable or changeable weight
		48	..Axially telescopic
		49	..Tip or tip fastener therefor
		50	...Clamp or press
		51	...Striking portion formed of material other than leather
		52	.Ball
		53	..Having characteristic enabling ball to be mechanically separated from other balls
		54	<b>BOWLING</b>
		55	.Practice or assist device
		56	..For handicapped person



57	..Selective pin setter	95	...Distributor
58	..Ball path indicator	96	....Pivotable chute or conveyor
59	..Bowler worn or carried	97	...Elevator
60	...Including means for positive engagement with ball	98	....With ball separator
61	...Finger support or guide	99	...And ball handling
62	...Wrist support or guide	100	...Sweep
63	...Arm or elbow support or guide	101	..Pin sensor
64	..Handling of pin or pin representation	102	..Pin spot
65	..Including electrical cycle sequence control	103	...Including means for positive pin alignment
66	..Including means for conserving energy	104	....Retractable peg
67	..With indicator	105	....Socket-type
68	...Tethered or pivotal pin	106	..Ball handling or diverting means
69	...Pinfall	107	..Mechanical projector
70	....Score	108	..Tethered ball
71	....Including electromechanical calculating means	109	..Means to change or curve ball path
72	...Foul	110	..Ball return
73	..Pin setter	111	...Ball lift or elevator
74	...Rollable, translatable, or simulative target	112	...Mechanical means for ball retarding or arresting
75	...Pivotal pin	113	..Gutter structure
76	....Pivot substantially at base of pin	114	..Backstop, division board, or adjunct therefor
77	....With spring detent	115	..Alley or board structure
78	...Tethered pin	116	..Portable game board, table, or alley
79	....Tethered at base of pin	117	..With nonwooden alley surface or lining
80	....Including reset lever or crank	118	..Pin
81	....Including means to remove dead wood	119	..Composite structure (e.g., distinct layers, components, joint, etc.)
82	....Pin biased away from bed	120	...With reinforcing filament, fiber, or fabric
83	...Manually loadable	121	...With metal shell or skin
84	....Including means to upright pin	122	...With wooden component
85	...Magnetic force acts on pin	123	....Laminated or attached wooden components
86	...For alternative pin sets	124	....With end or bottom reinforcing preform
87	...Including means to lift live wood	125	..Ball
88	....With compensation for pin offset	126	..With weight block
89	...Including distributor	127	..With specific grip means
90	....Including means to convey pin to distributor	128	...Thumb or finger hole grip
91	....Including elevator	129	....Size or depth adjusting means
92	..With compensation for pin offset	130	....Removable insert or bushing
93	..Pit cushion or actuator therefor	131	<b>GOLF</b>
94	..Pin guide or conveyor	132	..Ball feeding means and tee
		133	..Adjustable tee height
		134	..Condition responsive feeding means (e.g. automatic)
		135	...Pneumatic



136	...Electrical	160	....Selectively contourable (e.g., slope simulating surface, etc.)
137	..Pivotal arm ball feed	161	.....Motor actuation
138	..Projectile tethered to swingable implement	162	....Collapsible (e.g., for storage, etc.)
139	..Anchored (e.g., tethered, etc.) projectile	163	....Projectile return
140	..With electrical sensor or electrical indicator	164	...Projectile rebounds off target
141	...Pictorial flight path image display	165	..Particular projectile (e.g., reduced flight ball, etc.)
142	..Spool for tether	166	..Projectile return
143	..With force or direction indicator and tether	167	..Fairways extending radially from centrally located addressing surface or target
144	...Linear spring indicator	168	..Plural addressing surfaces (e.g., driving range, etc.)
145	..Force or direction indicator associated with projectile moving around a horizontal axis	169	...Having sequential play (e.g., regulation earth course, etc.)
146	..Force or direction indicator associated with projectile moving around a vertical axis	170	....Upstanding target (e.g., wicket, bucket, etc.)
147	..Spherical projectile attached to tether	171	...Putting green
148	..Plural projectiles	172	..Upstanding target
149	..Projectile moves around vertical axis	173	.Target or obstacle (e.g., putting hole, hole marker, sand trap, etc.)
150	..Projectile addressing surface and target, or distance marker (e.g., course, putting green with cup, driving range, miniature golf course, etc.)	174	..Target on putting surface
151	..Electrical sensor or electrical indicator responsive to swingable implement or projectile	175	...Receiver is cup in earth (e.g., regulation hole in green, etc.)
152	...Sensor is projectile responsive (e.g., free-flight detection means, etc.)	176	....Having cup marker (e.g., flag pin, etc.) or with sensor responsive to projectile
153	....Projectile in receiver indicator	177	.....And projectile removal
154	....Target impact responsive	178	.....Electrical actuation (e.g., solenoid, etc.)
155	....Including sensor responsive to projectile on addressing surface or in flight (e.g., tee-target time detection, etc.)	179	....Cup diameter restriction means (e.g., filler plug, etc.)
156	.....Pictorial flight path image display	180	...Receiver or projectile responsive indicator
157	..Non-earth fairway	181	....Selectively adjustable approach surface
158	...And obstacle (e.g., miniature golf course windmill, etc.)	182	....Projectile return
159	...Target is surface positioned aperture	183	.....Electrical actuation
		184	.....Gravity
		185	....Plural receivers
		186	....Displaceable by projectile impact
		187	.....Resilient or pivotal portion arranged in a circle to retain projectile
		188	.....Top of projectile engaged
		189	.....Pivotal element



190	..Projectile responsive sensor (e.g., target impact indicator, etc.)	220	..With lighting (e.g., laser, etc.) means attachable to or integral with implement
191	...And projectile return	221	..With electrical sensor or electrical indicator
192	...Electrical sensor	222	...Sensor positioned apart from implement to interact with a separate cooperating sensor means attachable to or integral with implement
193	...Projectile adheres to target	223	...Integral with or attachable to swingable implement
194	..Having projectile return	224	....Audible indicator
195	..Projectile receiving aperture (e.g., goal opening, etc.)	225	...Sensor integral with projectile addressing surface
196	...Aperture forming surface forms plane parallel to support surface	226	..Device attachable to or integral with swingable implement
197	..Net	227	...Nonhandle element engagable with body
198	..Moving projectile responsive sensor or indicator	228	...Air resistance device (e.g., airfoil, etc.)
199	..Electrical	229	...Anchored (e.g., tethered, etc.) swingable implement
200	..Indicator integral with projectile	230	...Wheel
201	..Hand on grip positioning aid or grip indicator	231	...Adjustable swingable implement, or swing or position indicator
202	..With electrical sensor or electrical indicator	232	....Alterable shaft provides swing force indication
203	..Integral handle having finger conforming configurations	233	....Swing speed indicator
204	..Angularly related integral grip portions	234	.....Audible
205	..Worn on hand (e.g., glove, etc.)	235	....Projectile retained by head of swingable implement during swing
206	..Removably attachable to swingable implement	236	....Projection on face of swingable implement head provides reduced striking area
207	..Practice device attachable to body	237	....Indication is a mark made by implement swing
208	..Attachable to head, neck, or mouth	238	....Adjustable implement or static position indicator (e.g., with respect to the golfer, projectile, target, etc.)
209	...Electrical	239	.....Adjustable shaft length
210	...Sighting element (e.g., eyeglasses, etc.)	240	.....Reflective element
211	...With displaceable indicator responsive to head movement	241	.....Bubble leveler
212	..Attachable to arm, hand, or wrist	242	.....Integral with or attachable to swingable implement head
213	...Wrist	243	.....Self-standing implement
214	...Spans elbow	244	.....Selectively adjustable positioning means
215	..Attachable to hips, torso, or waist	245	.....Adjustable loft angle
216	...Waist encircling belt anchored to static structure	246	.....And adjustable lie angle
217	..Attachable to foot		
218	..Foot positioning aid and indicator associated with swingable implement		
219	..Practice swingable implement or indicator associated with swingable implement		



247	.....Longitudinal bore in head receives elongated member about which head pivots	275	...And separate body engagable member
248	.....Adjustable lie	276	..Engaged with arm or shoulder
249	.....Surface on head simulates ball	277	..Engaged with hips, torso, or waist
250	.....Having transparent or translucent element	278	.Practice projectile addressing surface (e.g., driving mat, etc.)
251	.....Used for putting	279	..Selectively adjustable (e.g., tiltable etc.)
252	.....Horizontally spaced linear indicia perpendicular to projectile striking face	280	.Practice projectile
253	.....And vertically spaced apart indicia	281	..Having air resistance device
254	.....Vertically spaced apart indicia	282	.Club or club support
255	.....T-shaped head	283	..And scorekeeping device
256	..Particularly weighted practice implement	284	..And tee
257	..Swingable implement swing path indicator	285	..And ball position marker
258	..Head or shaft continuously engaged during swing	286	..And turf repair tool or ball retriever
259	....Closed loop	287	..Club set
260	....Swingable implement head engaged	288	...Interchangeable handle, striking face, or shaft
261	...Barrier which monitors swingable implement head movement	289	...Particular correlated shaft flexural characteristic
262	....Barrier is projectile addressing surface	290	...Particular correlated head characteristic
263	....Self-righting	291	....Mass distribution
264	....Plural barriers, vertically spaced apart	292	..Head, shaft, and handle having particular combined center of gravity
265	....Plural barriers, horizontally spaced apart	293	..Player faces target (e.g., croquet style putter, etc.)
266	.Body movement or position indicator (e.g., stance aids, etc.)	294	..Hands spaced apart on handle
267	..Reflective device	295	..Rotatable handle
268	..Sighting device directing golfer's visual focus toward a point to restrain head movement	296	..Longitudinally adjustable handle or shaft
269	..Responsive to weight shift	297	..Particularly weighted handle
270	..Foot positioning aid	298	..Grip or handle having particular nonwinding attachment to shaft (e.g., quick detachable, etc.)
271	...Having separate body engagable member	299	...Reattachable
272	...Selectively adjustable with pivotal members	300	..Grip
273	...Selectively adjustable with linearly slidable member (e.g., telescopically extendible)	301	...Spiral winding
274	..Engaged with head or neck	302	....Having recess or projection
		303	...Having longitudinal recess or projection
		304	..One piece head and shaft
		305	..Head and shaft connection
		306	...Threaded shaft
		307	...Detachable and reattachable
		308	...Sleeve or winding engaged over outside of joint, hosel, and shaft
		309	...Joint formed with sleeve engaging shaft and hosel



310	....Resilient sleeve engaging hosel and outer shaft wall	344	....Having particular sole plate
311	...Shaft contacts sole	345	...Hollow body
312	...Having core (e.g., weight, etc.) positioned in head engaging shaft end	346	....With internal support rib or injected material
313	...Putter	347	...Embedded fiber composition
314	...Particular relationship between shaft longitudinal axis and head orientation	348	....Including metal
315	...Noncircular shaft end wall engages hosel	349	...Particular material composition or mass distribution
316	..Shaft	350	....Recess or cavity behind striking face
317	...Reduced air resistance	351	.Ball
318	...Including nonmetallic material or vibratory wave modifying feature	352	..Buoyant
319	....Filament (e.g., fiber, etc.) or sheet wrapped about shaft longitudinal axis	353	..Having locator means
320	.....Including metal	354	..Liquid interior
321	....And metal	355	..Hollow pockets between spherical core and cover
322	....Sections connected along longitudinally extending seam	356	..Wound interior
323	...Shaft tapered in steps	357	...Surrounding non-wound spherical core
324	..Head	358	....Hollow core
325	...Plural striking faces	359	....Metal core or winding
326	...Liquid interior	360	.....Wound wire
327	...Reduced air resistance	361	....Plural diverse layers between core and cover
328	...Reduced ground resistance	362	.....Diverse tension in wound layers
329	...Striking face surface deforms upon impact (e.g., resilient, etc.)	363	.....Nonwound layer
330	...Curved, grooved, or roughened striking face	364	.....Plural diverse nonwound layers
331	....Plural grooves	365	....Having particular cover
332	...Vibratory wave (e.g, shock wave, etc.) modifying feature	366	....Wound wide band
333	...With element displaceable with respect to another head element during swing	367	..Interior includes injected or compressed material
334	...Selectively adjustable weighting element	368	...Injected material
335	....Embedded in head	369	....Injected gas
336	.....Elongated horizontal bore	370	...Diverse layer between spherical core and cover
337	.....Perpendicular to projectile striking face	371	..Particular unitary or layered construction
338	.....In vertical bore access by sole	372	...Containing metal
339	.....In vertical bore access through top	373	....Diverse layer between spherical core and cover
340	...Putter	374	...Diverse layer between spherical core and cover
341	....Toe and heel weighting	375	....Hollow core
342	...Striking face insert	376	....Plural diverse layers
343	...Wood composition	377	...Diverse cover and interior
		378	..Particular cover (e.g., size, material, dimple pattern, etc.)
		379	...Icosahedral dimple pattern
		380	...Cuboctahedral dimple pattern
		381	...Dodecahedral dimple pattern



382	...Octahedral dimple pattern	416	.Having game element combined with or convertible to game element or practice or training device for different type of projectile game
383	...Particular dimple detail		
384	....Depth or width		
385	...Containing metal		
386	.Tee setting device		
387	.Tee	417	.Means removably supporting projectile in position to be struck and thereby projected by player (e.g., batting tee, etc.)
388	..Folded flat stock material		
389	...Separable from pack containing plural tees		
390	..Plural		
391	...Separable or separately movable	418	..Projectile suspended or is supported by column of fluid
392	..Projectile supporting surface horizontally offset from vertical insertable shank	419	..Having means engaging top of projectile (e.g., kicking trainer or tee, etc.)
393	...Tether	420	..For projectile intended to be projected by kicking (e.g., kicking trainer or tee, etc.)
394	..Restrained by auxiliary weight		
395	..Wire	421	.Batting backstop or cage
396	..Relatively movable sections	422	.Practice or training device
397	...Pivotal about distinct horizontal axis	423	..Tethered projectile
398	...Elevation guide	424	...Tether attached to means adapted to be held by, carried by, or attached to person
399	..Particular biodegradable or frangible material		
400	..Elevation guide for insertable shank	425	....Person held, carried, or attached means is nonmechanical projector
401	..Plural diverse materials	426	...Projectile tethered between opposed tether sections
402	..Shank extends below level of projectile addressing surface		
403	...At acute angle with surface	427	...Projectile continuously driven in closed orbit prior to being struck
404	.Green slope indicator		
405	.Accessory device located on projectile addressing surface (e.g., tee block, direction indicator, etc.)	428	...Projectile slidable along a line
406	.Ball position marker	429	...Tether pivotally attached for orbital revolution
407	.Club selection, ball direction, or distance indicating aid	430	...Projectile suspended by tether
408	.Player manipulated turf repair tool	431	..Having projectile return means
409	.Method	432	...Return chute
410	<b>CROQUET; GAME ELEMENT OR ACCESSORY THEREFOR</b>	433	....With or for basketball-type goal
411	.Arch type of goal or target, per se (i.e., croquet wicket)	434	...Deflector
412	.Player-carried, nonmechanical projector, per se (e.g., a mallet, etc.)	435	....Planar
413	.Ball, per se	436	...Using moving arm or rotating wheel
414	<b>HOPSCOTCH</b>	437	..Weight externally mounted by user to manually held and swung projector for warmup or exercise
415	<b>PLAYING FIELD OR COURT GAME; GAME ELEMENT OR ACCESSORY THEREFOR OTHER THAN PROJECTOR OR PROJECTILE, PER SE</b>	438	..For football or rugby
		439	...Projectile target or stop
		440	...Running grid or resistance course
		441	...Blocking, tackling, or charging device



442	....Suspended or suspendible dummy	467	..Having boundary detector (e.g., ball-out-of-bounds detector for tennis court, etc.)
443	.....Suspension movable in horizontal plane	468	..For game in which play involves base running (e.g., baseball, cricket, etc)
444	....Self-erecting or person-supported dummy	469	..Having field or court dividing barrier with apertured goal or target therein or thereon
445	....Dummy mounted on support enabling traverse over ground or floor during training (e.g., charging sled, etc.)	470	..For game using goal or target for projectile (e.g., football, rugby, etc.)
446	..For game using apertured or pocketed goal or target (e.g., for hockey, soccer, polo, lacrosse, etc.)	471	...For game in which goal or target is peripherally located aperture or pocket (e.g., hockey, soccer, lacrosse, polo, etc.)
447	...For game using elevated, horizontally disposed goal or target (e.g., for basketball, etc.)	472	....For game in which peripheral goal or target is elevated and horizontally disposed (e.g., basketball, etc.)
448	....Hoop-opening reducer or means for improving arch of ball shot toward goal or target	473	..For game using field or court having dividing means thereon for separating opponents (e.g., a net used for volleyball, etc.)
449	....Rebound or tipping trainer	474	...For game also using projectors carried by players (e.g., tennis, badminton, etc.)
450	....Player worn or carried	475	....Table tennis
451	..For game in which play involves base running (e.g., for baseball, cricket, etc.)	476	.Goal or target structure for projectile; element thereof
452	...Foot positioner (e.g., stance, stride device, etc.)	477	..For football or rugby (e.g., goal post, etc.)
453	...Bat swing analyzer or guide	478	..Apertured or pocketed goal or target (e.g., for hockey, soccer, polo, lacrosse, etc.)
454	...Pitcher's target	479	...Goal or target is elevated and horizontally disposed (e.g., for basketball, etc.)
455	....With electrically operated or actuated indicator	480	....With goal indicator
456	....Having subdivided strike zone	481	....Backboard or support structure therefor
457	...Practice bat	482	.....Suspended
458	...Player worn or carried	483	.....With height adjustment feature
459	..For game using field or court having dividing means thereon for separating opponents (e.g., for tennis, volleyball, table tennis, etc.)	484	.....Having parallelogram linkage
460	...Projectile collector for field or court (e.g., trough, ball sweeper, etc.)	485	....Hoop or the net, pocket, or support structure therefor
461	...Racket or paddle swing analyzer or guide	486	.....Breakaway hoop
462	...Projectile target	487	.....Having means for mounting over edge of support
463	...Practice racket or paddle	488	.....Quick mount hoop
464	...Player worn or carried		
465	..Having at least two different types of game elements used in same game		
466	..For game in which court or field is body of water (e.g., water polo, water volleyball, etc.)		



489	.....Removable net-mounting subassembly	516	<b>PLAYER HELD AND POWERED, NONMECHANICAL PROJECTOR, PER SE, FOR PROJECTING AERIAL PROJECTILE BY STRIKING; PART THEREOF OR ACCESSORY THEREFOR</b>
490	.Means for dividing field or court into compartments; element thereof or accessory therefor (e.g., a net, marking strip, marked line, etc.)	517	.Having projectile retrieving means
491	..Net attachable to game table	518	.Body attachable
492	..Net post	519	.With user shiftable, adjustable, or interchangeable weight for use during play or with freely shiftable mass for increasing impact force
493	...With net-tightening means		
494	..Net, with net, or for net		
495	...Net center stay		
496	.Table-tennis table		
497	.Pitching rubber or mound	520	.With sound-deadening, vibration-damping, or shock-absorbing feature other than projectile- or hand-contact surface or with rebound reducing feature
498	.Cricket wicket		
499	.Base for game in which play involves base running (e.g., for baseball, etc.)	521	..For racket or paddle
500	..With indicator	522	...Contacts string
501	..Breakaway	523	...In, under, or contacting grip
502	.Flag belt (e.g., for use in football game without tackling, etc.)	524	.Racket or paddle; accessory therefor (e.g., a tennis racket, tennis racket press, etc.)
503	.Projectile catcher other than combined projector-catcher device	525	..Having striking faces attached to the ends of intermediate handle
504	.Cover for playing field or court (e.g., for baseball field, etc.)	526	..Having handle at an angle to, offset from, or nonradially oriented relative to plane of striking member
505	<b>PLAYER-HELD DEVICE FOR BOTH PROJECTING AND CATCHING AERIAL PROJECTILE; PART THEREOF OR ACCESSORY THEREFOR (I.E., COMBINED PROJECTOR-CATCHER DEVICE)</b>	527	..Paddle
506	.With tethered projectile	528	...Projectile striking surface is flexible sheet secured to peripheral frame
507	..Having pocketed catcher	529	...Having resilient blade facing
508	...Having elastic tether	530	...Blade having means to enhance friction upon impacted projectile (e.g., to enhance English upon projectile, etc.)
509	.Having projectile conducting means between separate entrance and exit (e.g., continuous orbit, etc.)	531	..Folding or detachable shaft
510	.Both projector and catcher are pocketed	532	..Having replaceable string frame
511	..With mechanical projection	533	..Double strung (i.e., having striking faces formed from two spaced-apart, planar sets of strings)
512	..Pocket-to-pocket type		
513	..Having pocket with laterally facing opening (e.g., lacrosse stick, jai alai cesta, etc.)	534	..With adjustable string-tensioning means
514	.Having impaling, hooking, or ensnaring type catcher	535	..Fiber reinforced plastic frame
515	.Having pocketed catcher connected to but spaced apart from projector	536	...Plural fiber compositions



537	..Having dimensional characteristic or other parameter specified by a number, numeric variable, or mathematical formula (e.g., location of center of gravity, elastic modulus of a string, weight of racket, etc.)	555	...Racket frame holder or support for use while stringing
538	...Of handle or grip	556	....With stringing or string-stretching device
539	..Elongated string-hole liner (e.g., grommet, bushing, etc.)	557	...Stringing or string-stretching device
540	..Having string mounting feature other than mere through-holes lying in string plane	558	.Mallet
541	...Extending radially inward from inner frame edge	559	.Club
542	...Having nonplanar string-hole pattern or arrangement in frame	560	..Having elongated blade (e.g., hockey stick, etc.)
543	..Prefabricated string assembly, means to prevent relative movement or wear at crossover points of strings, or having one or more strings with specified characteristic or arrangement	561	...Fiber reinforced
544	..Nonmetallic frame having metallic reinforcement or frame composed of metal-plastic composite	562	...Stick to blade joint construction
545	..Metallic frame	563	...Blade construction or accessory
546	..Throat wedge, bridge, or reinforcement	564	.Bat (e.g., baseball bat, etc.)
547	..Having laminated frame	565	..Having elongated blade (e.g., cricket bat, etc.)
548	..String guard, frame bumper or guard, or specified shaft to head connection	566	..Of metallic-shell structure
549	..Handle or grip structure	567	..Of plastic composition
550	...Dispensing, cooled, or externally ventilated	568	..Grip
551	...Having hand or finger conforming contour, through-hole for finger, portion overlying back of hand, projecting hand stop or positioner spaced from butt, wrist strap, or nonstandard transverse cross-section	569	<b>PROJECTILE, PER SE; PART THEREOF OR ACCESSORY THEREFOR</b>
552	...Grip or handle longitudinally or rotationally adjustable relative to head or shaft or changeable in length	570	.With light-emitting, electrical, magnetic, or rotatable inertial means or having boundary-detector activating means
553	..Accessory for use with racket or paddle (e.g., used with or for tennis racket, etc.)	571	.With sound-producing means
554	...Press	572	.Having suction cup
		573	.Having bristled, hooked, or looped surface for adherence to complementarily surfaced means (e.g., Velcro® material, etc.)
		574	.Having means for nonpenetrating adherence to complementarily surfaced means (e.g., tacky surface, etc.)
		575	.Having attached or means for attaching thereto tether, elongated flaccid streamer, or the like
		576	..Attached tether, streamer, or the like has means adapted to be held by, carried by, or attached to person
		577	.Scattershot, material dispensing upon impact, openable to expose interior chamber, or having parts adapted to move away from, or be separated from, one another upon impact
		578	.Arrow, dart, or shuttlecock; part thereof



579	..Shuttlecock (e.g., badminton shuttlecock, etc.)	600	.Having solid core within outer cover; core or cover therefor (e.g., baseball, etc)
580	...Having independent feathers or vanes	601	..And having intermediate layer between core and cover or having core or cover composed of plural layers
581	..Having fluid-conducting means	602	...Having plural intermediate layers, at least one being of material diverse from material of core, cover, or another intermediate layer; or having core or cover composed of three or more layers, at least two being of diverse materials
582	..Head structure		
583	...Broadhead		
584	....Having interchangeable blade		
585	...And vane structure (i.e., flight guiding or stabilizing means)		
586	..Vane structure (i.e., flight guiding or stabilizing means)		
587	.Curling stone		
588	.Disk- or ring-shaped (e.g., ice hockey puck, etc.)	603	.Having fluid-retaining bladder removable from within enclosing cover or casing (e.g., football, etc.)
589	..Ring-shaped (e.g., deck-tennis quoit, etc.)		
590	.Boomerang	604	.Having hollow core or bladder enclosed within cover (e.g., basketball, soccer-ball, tennis ball, etc.)
591	.Horseshoe		
592	.Tipcat		
593	.Having self-contained means for inflating, pressurizing, reinflating, or repressurizing projectile with fluid or comprising reinflating or repressurizing method	605	..And having intermediate layer composed of wrapping of strands or strips between cover and core or bladder
594	.Having loose internal element, containing or adapted to contain liquid, or comprising spherically configured ball having variable or eccentric center of gravity	606	..Cover is composed of feltlike, napped, or cloth material (e.g., tennis ball, etc.)
595	.Having means other than ellipsoidal spheroid shape (e.g., football shaped, etc.) to produce erratic or unpredictable rebounding or rolling thereof	607	.Comprising cover for core; blank or closure therefor
596	.Having handle or surface configuration for enhancing user's handgrip thereon	608	..Closure therefor
597	..Grip-enhancing means comprises closure or seam of casing or cover or comprises simulation of such closure or seam (e.g., lacing of football casing, etc.)	609	.Having hollow, fluid-impervious shell, core, or bladder
598	.Comprising casing or cover having stitched seam or laced closure; blank for such casing or cover (e.g., casing of baseball, etc.)	610	..With sealable opening, valve, or inflation tube for insertion of fluid (e.g., beach ball, etc.)
599	..For distensible bladder (e.g., casing of football, etc.)	611	.Comprising opening, valve, or inflation tube for insertion of fluid
		612	.Having visible skeletal structure
		613	.Having fluid-dynamic means other than stitched seam or textured surface to alter, stabilize, or retard passage of projectile through the fluid (e.g., spiral fluting to impart spin, etc.)
		614	.Having projections extending outwardly from external surface or consisting of a mass of radially oriented filaments



615 .Player held or worn means for enhancing movement of projected projectile (e.g., a handheld, ball-curving assist means, etc.)

### **FOREIGN ART COLLECTIONS**

#### **FOR 000 CLASS-RELATED FOREIGN DOCUMENTS**

Any foreign patents or non-patent literature from subclasses that have been reclassified have been transferred directly to FOR Collections listed below. These Collections contain ONLY foreign patents or non-patent literature. The parenthetical references in the Collection titles refer to the abolished subclasses from which these Collections were derived.

FOR 100 **BASKETBALL (273/1.5R)**  
 FOR 101 .Basketball training devices (273/1.5A)  
 FOR 102 **BASEBALL (273/25)**  
 FOR 103 .Practice devices (273/26R)  
 FOR 104 ..Target or backstop (273/26A)  
 FOR 105 ..Bats (273/26B)  
 FOR 106 ..Player worn (273/26C)  
 FOR 107 ..Ball pitching devices (273/26D)  
 FOR 108 ..Tethered (273/26E)  
 FOR 109 ..Tethered balls slidable along a line (273/26EA)  
 FOR 110 .Field covers (273/27)  
 FOR 111 .Ball curvers (273/28)  
 FOR 112 **TENNIS (273/29R)**  
 FOR 113 .Table (273/30)  
 FOR 114 .Court marking strips (273/31)  
 FOR 115 .Practice (273/29A)  
 FOR 116 .Nets (273/29B)  
 FOR 117 ..Net center stay (273/29BA)  
 FOR 118 ..Net post (273/29BB)  
 FOR 119 ...Net tightening (273/29BC)  
 FOR 120 ....Reel (273/29BD)  
 FOR 121 ....Lever (273/29BE)  
 FOR 122 ....Screw (273/29BF)  
 FOR 123 ....Rotating post (273/29BG)  
 FOR 124 **FOOTBALL (273/55R)**  
 FOR 125 .Tackling dummies (273/55A)  
 FOR 126 .Kicking tees and kicking trainers (273/55B)  
 FOR 127 .Flag belts (273/55C)  
 FOR 128 .Goal post structure (273/55D)

FOR 129 **CROQUET (273/56)**  
 FOR 130 .Tables and boards (273/57)  
 FOR 131 **HOPSCOTCH (273/57.1)**  
 FOR 132 **HOCKEY**  
 FOR 133 **FENCING (273/57.3)**  
 FOR 134 **BALLS (273/58R)**  
 FOR 135 .Baseball (273/60R)  
 FOR 136 ..Covers (273/60A)  
 FOR 137 ..No windings (273/60B)  
 FOR 138 .Tennis (273/61R)  
 FOR 139 ..Ping-pong balls (273/61A)  
 FOR 140 ..Fabrics, per se (273/61B)  
 FOR 141 ..Rubber formulations (273/61C)  
 FOR 142 ..Methods of pressurizing (273/61D)  
 FOR 143 .Football and basketball (273/65R)  
 FOR 144 ..Closure (273/65A)  
 FOR 145 ..Bladders (273/65B)  
 FOR 146 ..Valves: composite (273/65C)  
 FOR 147 ..Valves: rubber (273/65D)  
 FOR 148 ..Casings (273/64E)  
 FOR 149 ...Nonball art (273/65EA)  
 FOR 150 ...Windings (273/65EB)  
 FOR 151 ...Weighted (273/65EC)  
 FOR 152 ...Ball making methods (273/65ED)  
 FOR 153 ...One-piece construction (273/65EE)  
 FOR 154 ...Spiraling and electrical (273/65EF)  
 FOR 155 ...Gripping structure (273/65EG)  
 FOR 156 ..Closure means (273/65F)  
 FOR 157 .Solid and covered (273/58A)  
 FOR 158 .Hollow: single layer (273/58B)  
 FOR 159 .Plural layer (273/58BA)  
 FOR 160 .Tethered (273/58C)  
 FOR 161 .Skeleton (273/58D)  
 FOR 162 .Sounding (273/58E)  
 FOR 163 .Loose internal elements (273/58F)  
 FOR 164 .Including electrical components (273/58G)  
 FOR 165 .Liquid containing (273/58H)  
 FOR 166 .rubber formulation (273/58J)  
 FOR 167 .Surface projections (273/58K)  
 FOR 168 **BAT, Mallet, RACKET, OR BILLY (273/67R)**  
 FOR 169 .Baseball (273/72R)  
 FOR 170 ..Metal shell (273/72A)  
 FOR 171 .Tennis (273/73R)  
 FOR 172 ..Presses and cases (273/74)  
 FOR 173 ..Handle grips (273/75)  
 FOR 174 ..Table (273/76)  
 FOR 175 ..Stringing devices (273/73A)



- FOR 176 ..Stretching devices (273/73B)  
 FOR 177 ..Bow structure (273/73C)  
 FOR 178 ..String fastener or guides (273/73D)  
 FOR 179 ..Adjustable tension (273/73E)  
 FOR 180 ..Laminated nonmetallic (273/73F)  
 FOR 181 ..Throat structure (273/73G)  
 FOR 182 ..Metal (273/73H)  
 FOR 183 ..Handle structure, per se (273/73J)  
 FOR 184 ..Metal reinforced (273/73K)  
 FOR 185 ..Replaceable string frame (273/73L)  
 FOR 186 ..Croquet (273/83)  
 FOR 187 ..Police clubs (273/84R)  
 FOR 188 ..Electric shock (273/84ES)  
 FOR 189 ..Hockey sticks (273/67A)  
 FOR 190 ..Hand or foot attached (273/67B)  
 FOR 191 ..Polo mallet (273/67C)  
 FOR 192 ..Cricket bat (273/67D)  
 FOR 193 ..Handle structure (273/67DA)  
 FOR 194 ..Grips, guards, and weights (273/67DB)  
 FOR 195 ..Blade facings (273/67DC)  
 FOR 196 ..Combined projector and catcher (273/318)  
 FOR 197 ..Tethered projectile (273/319)  
 FOR 198 ...Pocketed catcher (273/320)  
 FOR 199 ....Elastic tether (273/321)  
 FOR 200 ..Separate entrance and exit (e.g., continuous orbit, etc.) (273/322)  
 FOR 201 ..Pocketed projector and catcher (273/323)  
 FOR 202 ...Mechanical projection (273/324)  
 FOR 203 ...Pocket-to-pocket (273/325)  
 FOR 204 ...Transversely extending pocket (e.g., lacrosse stick) (273/326)  
 FOR 205 ..Impaling, hooking, or ensnaring type catcher (273/327)  
 FOR 206 ..Pocketed catcher-separate projector (273/328)  
 FOR 207 ..Tipcoat game, projectile therefor, or accessory (273/341)  
 FOR 208 ..Projectile or target having suction cup (273/344)  
 FOR 209 ..Projectile or target having magnetized material for adherence therebetween (273/345)  
 FOR 210 ..Projectile or target having complementary bristled, micro-hooked, or looped material for adherence therebetween (e.g., Velcro® material, etc.) (273/346)  
 FOR 211 ..Projectile or target having complementary means for nonpenetrating adherence therebetween (e.g., tacky surface, etc.) (273/347)  
 FOR 212 ..Playing field or court game; or accessory therefor (e.g., volleyball, soccer, etc.) (473/411)  
 FOR 213 ..Tethered projectile (273/413)  
 FOR 214 ..Tethered to means engageable with human body part (e.g., hand-held means or means attachable to human body part) (273/414)  
 FOR 215 ..Scattershot projectile or beanbag projectile (273/415)  
 FOR 216 ..Arrow, dart, shuttlecock, or element thereof (273/416)  
 FOR 217 ..Shuttlecock (273/417)  
 FOR 218 ..Material dispensing upon impact or having fluid conducting means (273/418)  
 FOR 219 ..Head structure (273/419)  
 FOR 220 ...And vane structure (i.e., flight guiding or stabilizing means) (273/420)  
 FOR 221 ...Broadhead (273/421)  
 FOR 222 ....Interchangeable blade (273/422)  
 FOR 223 ..Vane structure (i.e., flight guiding or stabilizing means) (273/423)  
 FOR 224 ..Disc or ring projectile (273/424)  
 FOR 225 ..Ring (273/425)  
 FOR 226 ..Boomerang projectile (273/426)  
 FOR 227 ..Horseshoe projectile (273/427)  
 FOR 228 ..Nonspherical projectile (273/428)  
 FOR 229 ..Projectile (273/128R)  
 FOR 230 ..Curling stones (273/128CS)  
 FOR 231 ..Rollable (273/128A)



